# Anti-HIRA antibody

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| **Description** | Rabbit polyclonal to HIRA. |

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| **Model** | STJ93503 |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Applications** | ELISA, IHC |
| **Immunogen** | Synthesized peptide derived from human HIRA around the non-phosphorylation site of T555. |
| **Immunogen Region** | 490-570 aa |
| **Gene ID** | 7290 |
| **Gene Symbol** | HIRA |
| **Dilution range** | IHC 1:100-1:300ELISA 1:10000 |
| **Specificity** | HIRA Polyclonal Antibody detects endogenous levels of HIRA protein. |
| **Tissue Specificity** | Expressed at high levels in kidney, pancreas and skeletal muscle and at lower levels in brain, heart, liver, lung, and placenta. |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Protein HIRA TUP1-like enhancer of split protein 1 |
| **Molecular Weight** | 111.835 kDa |
| **Clonality** | Polyclonal |

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| **Conjugation** | Unconjugated |
| **Isotype** | IgG |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Concentration** | 1 mg/ml |
| **Storage Instruction** | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| **Database Links** | HGNC:4916OMIM:600237 |
| **Alternative Names** | Protein HIRA TUP1-like enhancer of split protein 1 |
| **Function** | Cooperates with ASF1A to promote replication-independent chromatin assembly. Required for the periodic repression of histone gene transcription during the cell cycle. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit. |
| **Cellular Localization** | Nucleus. Nucleus, PML body. Primarily, though not exclusively, localized to the nucleus. Localizes to PML bodies immediately prior to onset of senescence. |
| **Post-translational Modifications** | Sumoylated. Phosphorylated by CDK2/CCNA1 and CDK2/CCNE1 on Thr-555 in vitro. Also phosphorylated on Thr-555 and Ser-687 in vivo. |